Emerging Strategy for rmy Prepositioned Stock (APS)

APS-Reset/Evolution

- VCSA briefed 2 June 2003
- 3-Star “Reset The Force” TF update brief
- CFLCC & Staff briefed
- OCAR/USARC briefed
- G8 briefed
- G4 briefed
- G3 briefed
- CG, AMC briefed
- G3, AMC briefed
- P2CoC briefed

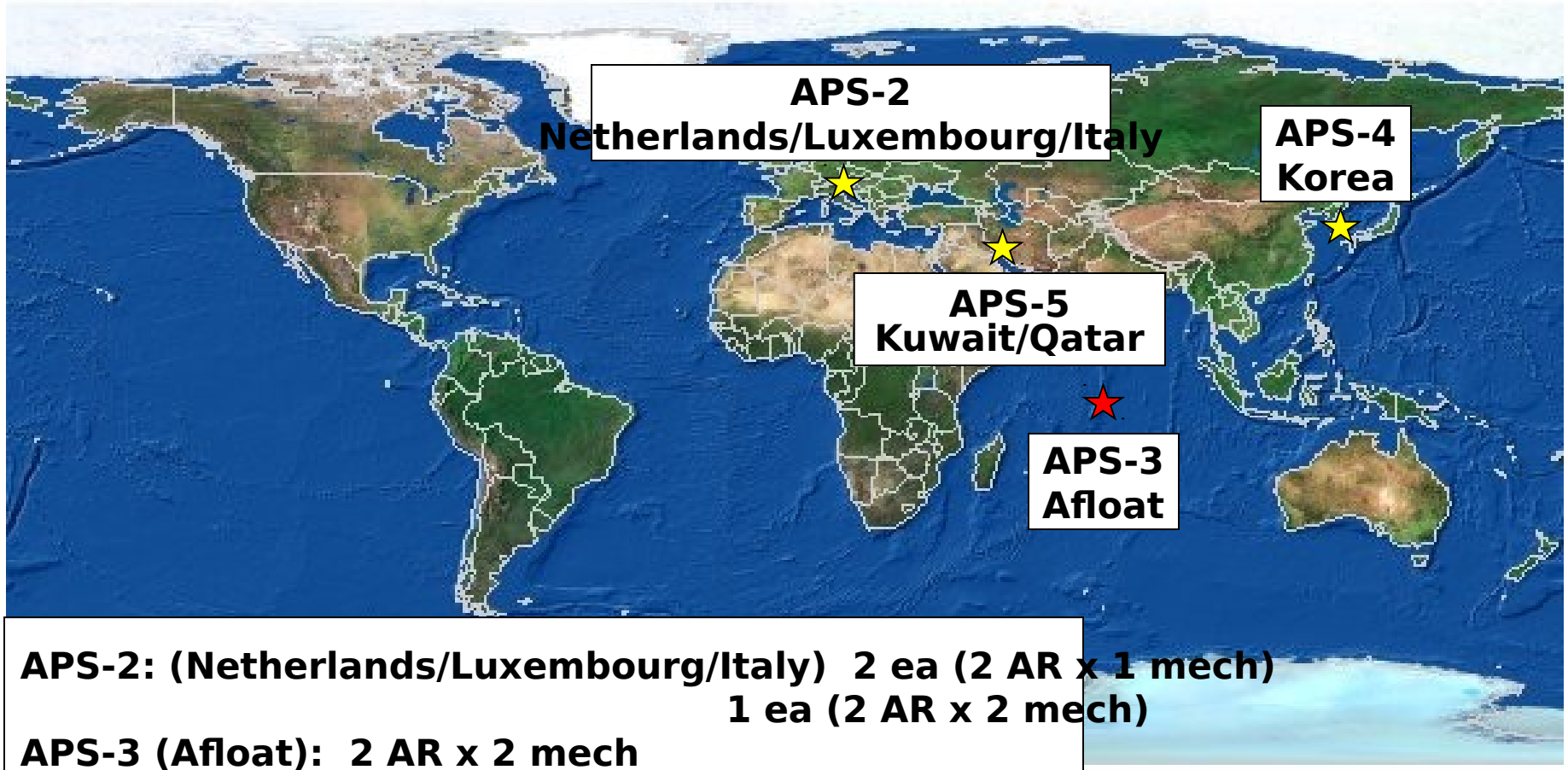
Salient Points of Plan

- Army Regional Flotilla Concept (APS-3)
  - PH I – 2ea 1 x 1 sets/CSS/Sust/Ammo/HA, DR, SOF
  - PH II – 3ea 1 X 1 HVY TF /SBCT BSB & CSSC/ Sust/Ammo/HA, DR, SOF
- Reset APS-5 (K) & (Q)
- Enhance APS-4
- Prepo LMSR @ SBCT PPPs.
- Afloat Forward Staging Base (APS-6 EAL)
- Reset APS-2 Ashore
- Preposition HA/DR Ashore (Manta, EC/Ascension Is)
- Fwd Stationing UofA's w/Unit Rotations

APS RESET/EVOLUTION STATUS

- ARF– approved; executing
  - Modernization baseline approved
  - Sustainment Ship Lessons-Learned Study
  - Ammo Ship Reconfig Study
  - HA, DR, SOF ship load Study
- APS-4 (Enhanced) – approved; executing
- APS-2 (Reduced) – approved; executing
- AFSB, APS-6 – refining for G-3
- LMSR Prepo with SBCT PPP – Coord w/ MSC
- APS-2 Ashore – Reviewing location options.
- APS-Ashore for SSA and C&SA - revisiting

APS – Prior to OIF



APS-2: (Netherlands/Luxembourg/Italy) 2 ea (2 AR x 1 mech)
1 ea (2 AR x 2 mech)
APS-3 (Afloat): 2 AR x 2 mech
APS-4 (Korea) : 2 AR x 1 mech
APS-5 (Kuwait/Qatar): 2 ea (2 AR x 2 mech)

New Realities

Threat → Uncertain - Asymmetry - Anti Access

NSS ~~Preempt~~ → pting the convergence of terror and technology

QDR/DPG → 1: HLS, 4: Critical Regions, 2: SDTE, 1: WD

Army Vision → Enhance Strategic Responsiveness: 96, 120, 5/30

Capabilities → See first, Understand first, Act first, Finish decisively

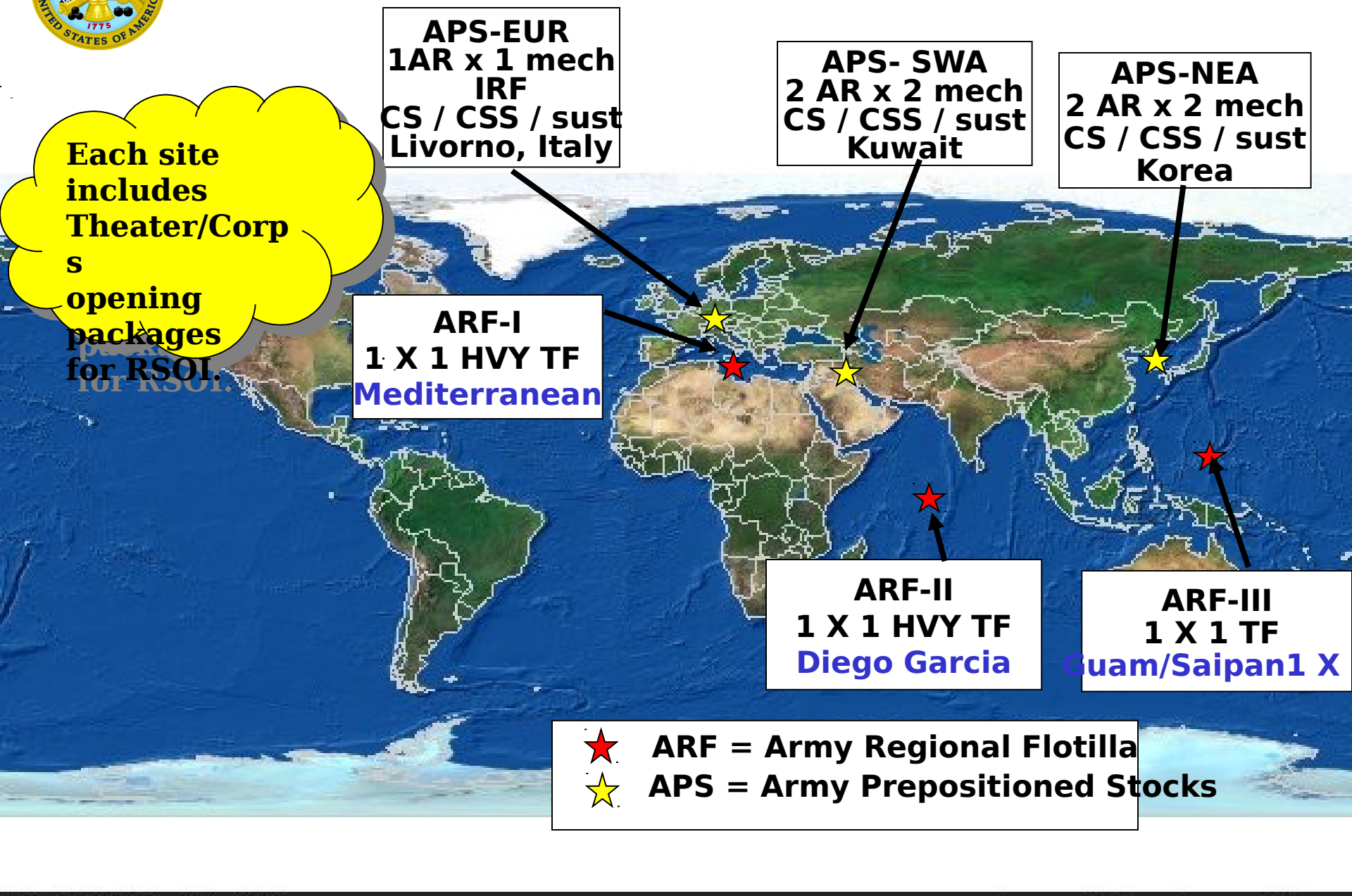
Concepts → Operational Maneuver from Strategic Distances

APS must change in consonance with Army Transformation to address our changing realities

5 Elements for a Viable Strate

1. New methodology (First to Fight = Best Equip
2. Phased approach (Near, Mid, Long term)
3. Capabilities based for: 1HLS – 4CR – 2SDTE –
   (HA/DR/PKO/SDTE/WD/SOF)
4. Integrated deployment training and exercise
   (SEDRE/EDRE/Joint-EX/CTC)
5. Joint force orientated

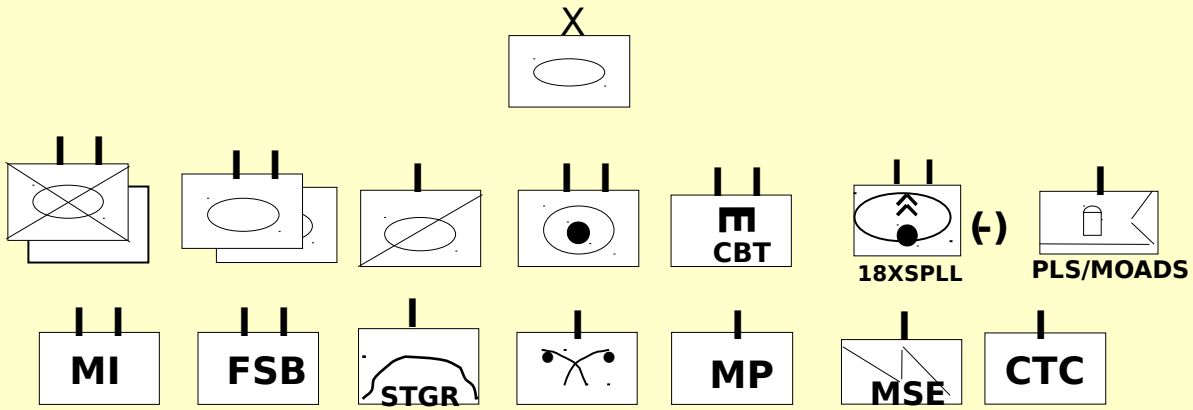
APS -- Planned Way Ahead 2006



APS – 5 (SWA) Prior to OIF

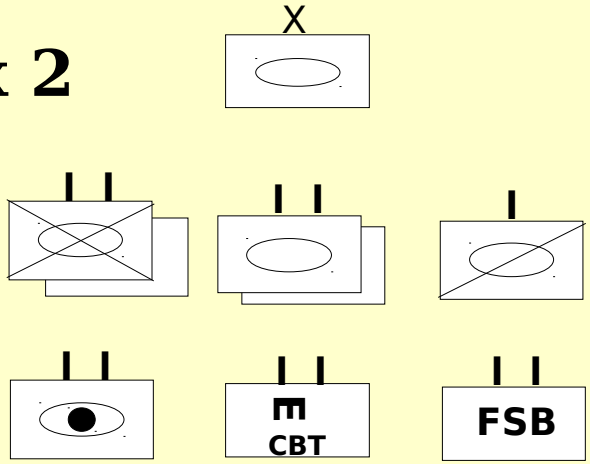
APS – 5 Unit Set (Kuwait)

2 x 2

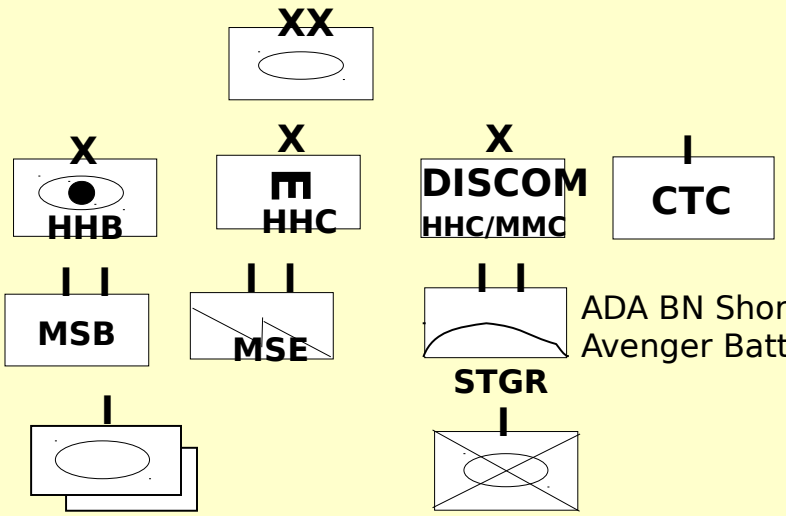


APS – 5 Unit Set (Qatar)

2 x 2

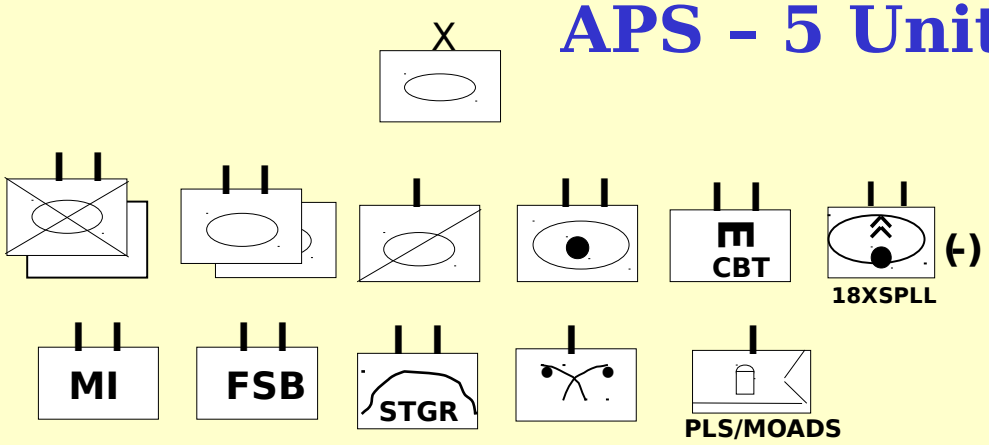


APS – 5 Division Base (Qat



APS – 5 (SWA) Near Term Future

APS – 5 Unit Set (Arifjan)



+

1 x HET Co
1 x Trans CGO Co
1 x Elect Maint Co (MLRS
1 x QM Repair Parts Co
2 x Watercraft Cos
1 x Modular Causeway
1 x Floating Craft Co

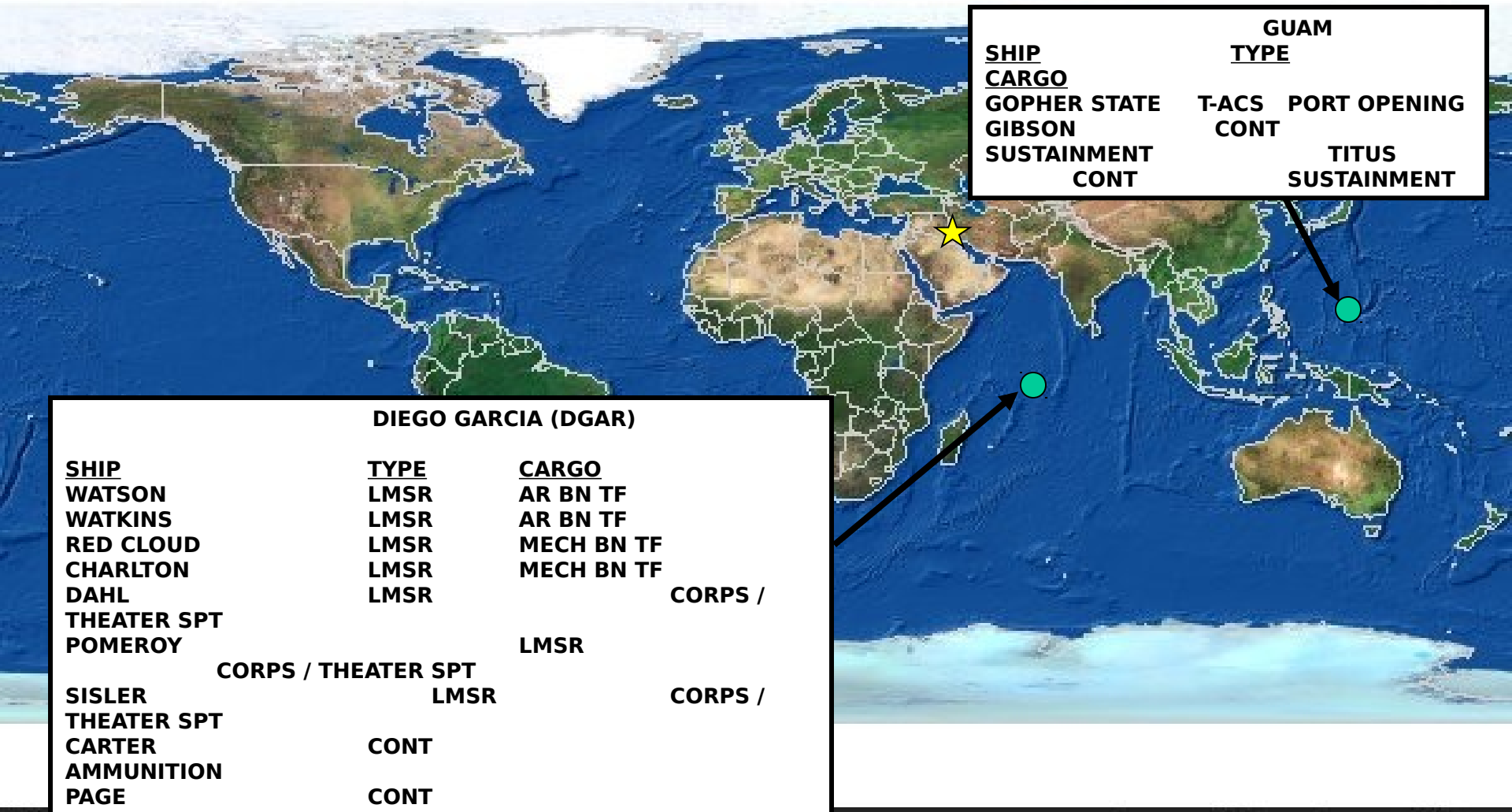
APS – 5 EAD/EAC/Theater Opening Enablers at

1 x HET Co
1 x Maintenance Co
1 x Port Opening CGO Det
1 x Mvmt Control Tm
1 x CGO Doc Tm
1 x Transfer CGO Co

1 x EOD Det
1 x Field Svc Co
1 x Petrl Plt (Terminal Ops)
1 x Petrl Supply Co
1 x Water Purification Det
2 x Supply Co

- Provides for joint/coalition training opportunities and combat formation for
- Sufficient CSS and other enablers are included
- Aviation must still come from unit (developing other options)
- Preposition EAD/EAC/Theater Opening enablers in Qatar

APS – 3 (Afloat) Prior to OIF



GUAM

SHIP	TYPE	CARGO
GOPHER STATE	T-ACS	PORT OPENING
GIBSON	CONT	SUSTAINMENT
TITUS	CONT	SUSTAINMENT

DIEGO GARCIA (DGAR)

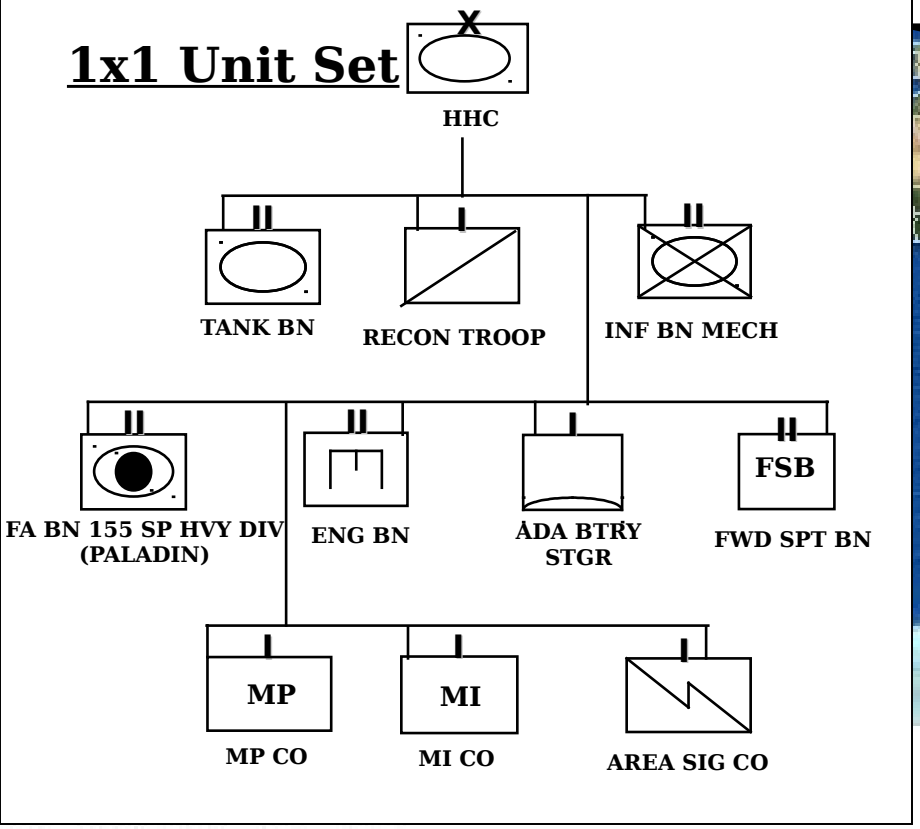
SHIP	TYPE	CARGO
WATSON	LMSR	AR BN TF
WATKINS	LMSR	AR BN TF
RED CLOUD	LMSR	MECH BN TF
CHARLTON	LMSR	MECH BN TF
DAHL	LMSR	CORPS / THEATER SPT
POMEROY	LMSR	CORPS / THEATER SPT
SISLER	LMSR	CORPS / THEATER SPT
CARTER	CONT	AMMUNITION
PAGE	CONT	AMMUNITION

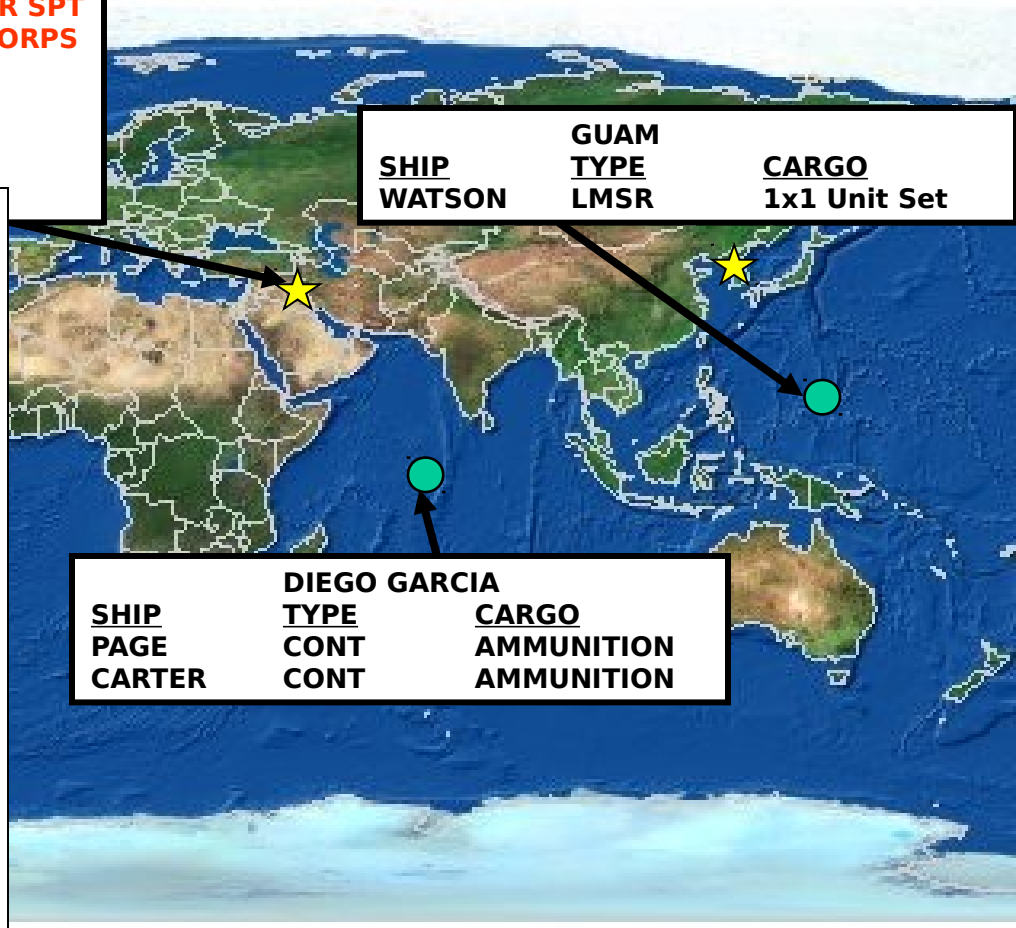
APS – 3 (Afloat) Oct 03

Downloaded in CENTCOM AOR

SHIP	TYPE	CARGO
RED CLOUD	LMSR	MECH BN TF
WATKINS	LMSR	AR BN TF
CHARLTON	LMSR	MECH TF
DAHL	LMSR	CORPS / THEATER SPT
POMEROY	LMSR	CORPS / THEATER SPT
SISLER	LMSR	CORPS / THEATER SPT
GIBSON (Turned In)	CONT	SUSTAINMENT

1x1 Unit Set





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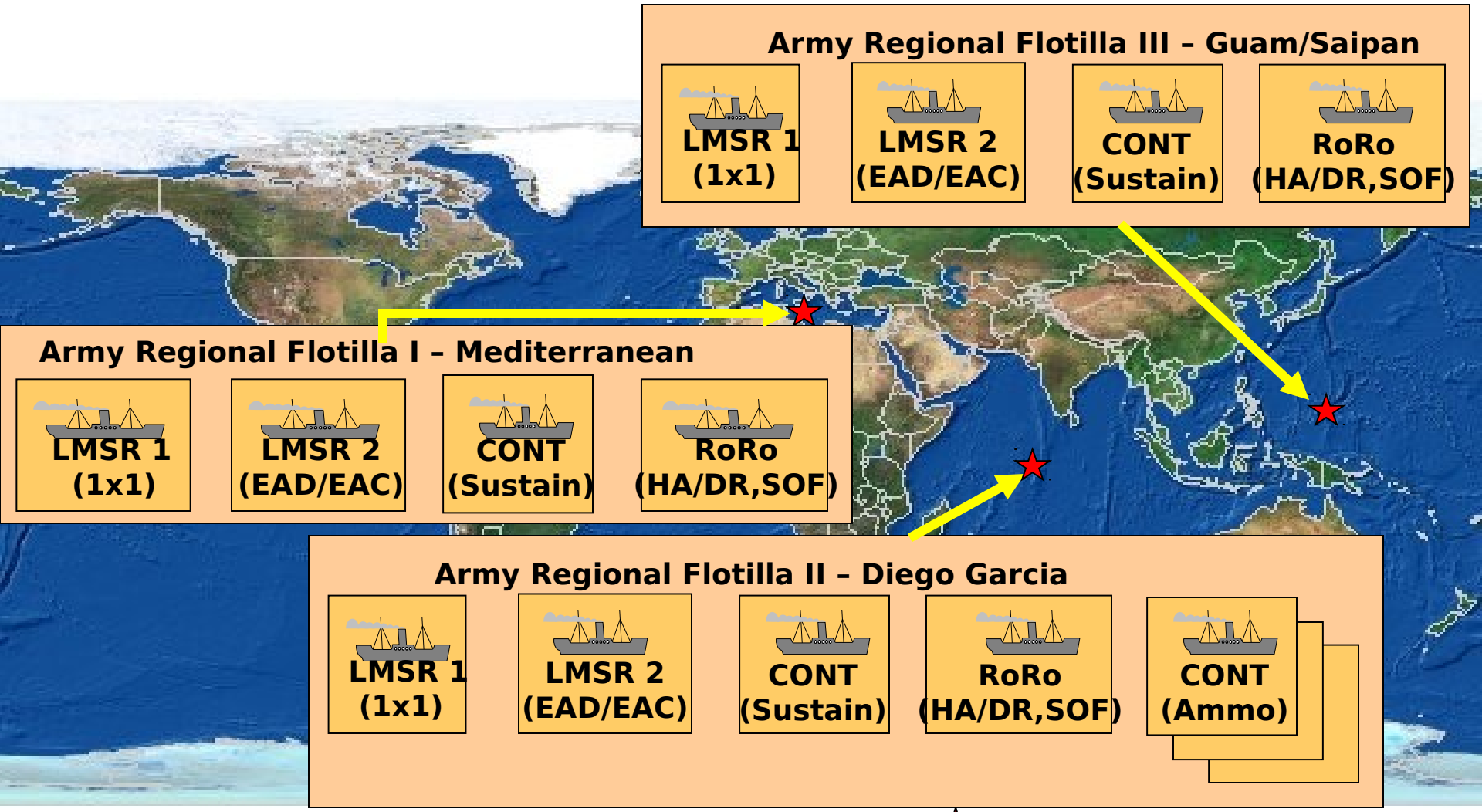
Army Regional Flotilla Concept

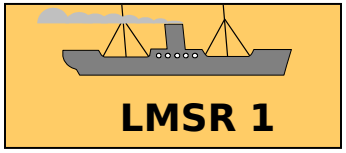
- Composition
  - 1 X 1 HVY TF w/support (15 DOS UBL)
  - SBCT CS/CSS Assets (Non-Stryker TWVs)
  - Asset pools (Common items, e.g., FMTVs, Up-Armored HMMWVs)
  - Sustainment (15 DOS UBL as Unit Configured Loads)
- Requirements (SDTE & WD – Full Spectrum of Operations – HA/DR to MCO)
- Location (Four Critical Regions – Facilitates 96/120/5 in 30)
- Capabilities-based (Opn Maneuver from Strategic Distances, Deploy = Employ, Reduced Logistics Footprint, Anti-Access/Area Denial
- Modernization (First to Fight = Best Equipped)
- Ownership (Unit Affiliated into Prepo Sets)
- Phased Approach (Near, Mid & Long Term)

PS – 3 (Afloat) to Army Regional Flotilla Concep



Regional Flotilla 1

LMSR #1 Configuration



FY 03 to 06

APS3 BDE2 (8TH) WMFCFF		
RECON TROOP	WM0PAA	17087F000
BN TANK (M1A1) HVY DIV	WMFDAA	17375L100
INF BN, MECH	WMFFAA	07245L400
FA BN 155 SP HVY	WMFGAA	06365A100
ENGR BN, HVY DIV	WMFHAA	05335L000
FWD SPT BN (1X2) DIV	WMFJAA	63005L600
BTRY, ADA (SFV-8/STGR0	WMFKAA	44177A000
MI CO, ACR	WMAZAA	34114A200
AREA SIG CO, MSE	WMFNAA	11067L100
MP CO, HVY DIV	WMFTAA	19333L000
HHC INF BDE, MECH DIV	WMFCAA	87042L400

- **Ship:** Watson Class
- **Source:** APS-3 BDE#2
- **Target Date:** FY 03 (LMSR to be identified)
- **Station: Guam/Saipan**
- **Equipment:** M1A1HAs. M2A2 (not ODS) Use M35 and M800 series trucks until FY06, Additional use of some subs/ILO

FY 06 to 09

Load SBCT - All equipment minus STRYKERs and TAT i

New CS/CSS EAD/EAC Enablers

- CS1 LMSR:
- CM CO DECON CORP TA
- MED TM, FWD SYRGICAL
- OD CO, HQ MOD AMMO DS
- OD TM, EOD DET
- CS CO, QM FLD SVC CO DS AOE
- QM HHC, PETRL PL TM OP BN
- QM CO, PETRL PL TML OP
- QM DET, WATER PURIF DET
- CS CO, QM SUPPLY CO
- CS CO MAINT CO NON DIV
- TC TM, TRAILER TRANSFER PT
- TRANS CONTRACT SPVSN
- TC HHD, TRANS MOTOR TRANS BN
- TC CO, MDM TRK CO 40 FT CNR
- TC CO, T MDM TRK CO 20 FT
- TC CO, MDM TRK CO 5000 GAL
- TC CO, MDM TRK CO PLS
- TC CO, CBT HET CO
- TC HHC, TRANS TERM BN
- TC CO, TRNS CARGO TRANSF CO
- CS HHD, CORPS SPT BN
- TC CO PORT OPS CARGO DET
- TC CO, TRANS LGT MDM TRK
- CS HHC, CORPS SPT GP

- CS2 LMSR:
- OD CO, HQ, MOD AMMO DS
- OD TM, EOD DET
- QM CO, PETRL SUPPLY CO
- QM CO, WATER SUPLY CO
- QM DET, WATER PURIF DET
- CS CO, QM SUPPLY CO
- CS CO, MAINT CO NON DIV
- TC CTR, TRANS MOV CON CTR
- TC TM, MVMNT CON TM
- TC TM, TRAILER TRANSFER PT OP
- TC TM, TRANS CONTRACT SPVSN
- TC HHD, TRANS MOTO TRANS BN
- TC CO, MDM TRK CO 40 FT CNR
- TC CO, MDM TRK 5000 GAL
- TC CO, MDM TRK CO 5000 GAL
- TC CO, MDM TRK CO PLS
- TC HHC, TRANS TERM BN
- TC CO, TRANS CGO TRNSF CO
- CS HHD, CORPS SPT BN

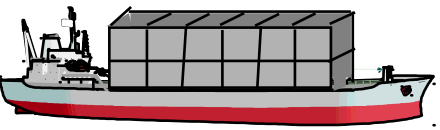
DATE APS UNITS AND ADD ADDITIONAL CAPABILITI
REQUIREMENT TO SUPPORT COMBAT OPERATIONS

- RECONFIGURATION AND UPDATED SRCs FOR APS-2, 3, AND 5.

WE NEED TO ADDRESS WITH G-3 AND USAR PROPOSAL TO LOAD SOME RESERVE UNITS, SPECIFICALLY

6 5000 GAL PETROLEUM UNITS	55728L2
2 MULTI-ROLE BRIDGE COMPANIES	05
2 ENG BATTALION (EAD)	55415L
2 ENG (CORPS) COMPANIES	55423L
3 MP COMPANIES	19477L or 19667L
3 MP BATTALION HHCs	19546L, 19676L, 19886L

- NEED TO REDUCE TAT ITEM, IMMEDIATE CHANGE IN MTOE TO AUTHORIZE ALL FIRE CONTROL ITEMS, VEHICLE RADIOS, COMPUTER SYSTEMS FOR FIRE CONTROL AND TRANSPONDERS FOR EQUIPMENT



APS-3 Theater Ammunition Sustainment Configuration

2,500 TEU EACH SHIP

MV PAGE

- **718 M1 FLATRACKS (MLRS)**
- **1782 CROP/CNTRS**

MV CARTER, JR.

- **658 M1 FLATRACKS (MLRS)**
- **1842 CROP/CNTRS**

1 ship = 700+ C5 lifts

Armor	Rounds
120 MM AP	50,648
120 MM HEAT	36,059

Mech INF/Infantry	Rounds
120 MM HE	24,156
120 MM WP	13,200
81 MM HE	12,780
81 MM RP SMK	2,250
81 MM ILLUM	1,890
60 MM HE	24,192
60 MM WP	10,368
40 MM LNKD	805,216
40 MM S/SHOT	176,904
25 MM APDS-T	1,858,141
25 MM HEI-T	1,177,740
AT4	25,010
TOW II	11,961
Dragon	839

ADA	Rounds
PATRIOT	120

Artillery	Rounds
155MM	
Area Denial	43,776
HE	83,352
Copperhead	1,980
WP	15,440
ILLUM	6,336
DPICM	145,530
105 MM	
HE	45,540
ILLUM	3,888
WP	5,010
HC	3,536
Rockets	
ATACMS	88
MLRS	5,644

Aviation	Rounds
30 MM	385,440
Hellfire	3,514
2.75" RKTS	
HE	10,618
FLARE	2,292
MPSM	20,577
WP	3,600

APS-4 NEA

SOUTH KOREA

CAMP CASEY
OPROJ
Sustainment

PUSAN STORAGE
FACILITY (PSF)
Operational Project
Sustainment

CAMP CARROLL
2x1 unit set
becoming
a 2x2 (Sep 03)
CSH/OPROJ
Sustainment

JAPAN

SAGAMI ARMY
DEPOT
5 Hospital Sets
OPROJ
Sustainment

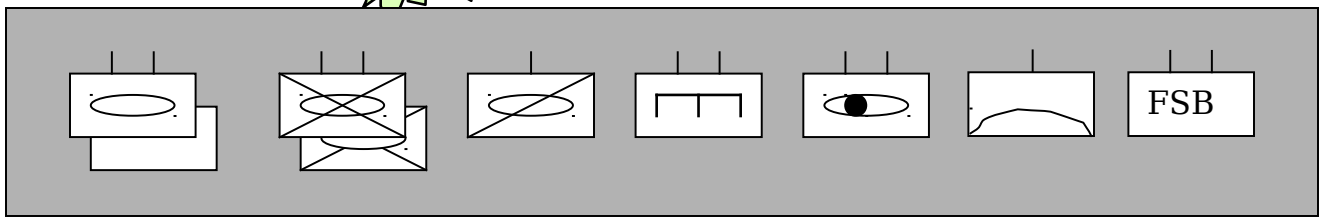
YOKOHAMA NORTH
DOCK
Army Watercraft Unit
Sets

CAMP KINZER
OPROJ

OKINAWA

CHIBANA
Class V

KUBE
Class
V



HAWAII

OAH
U

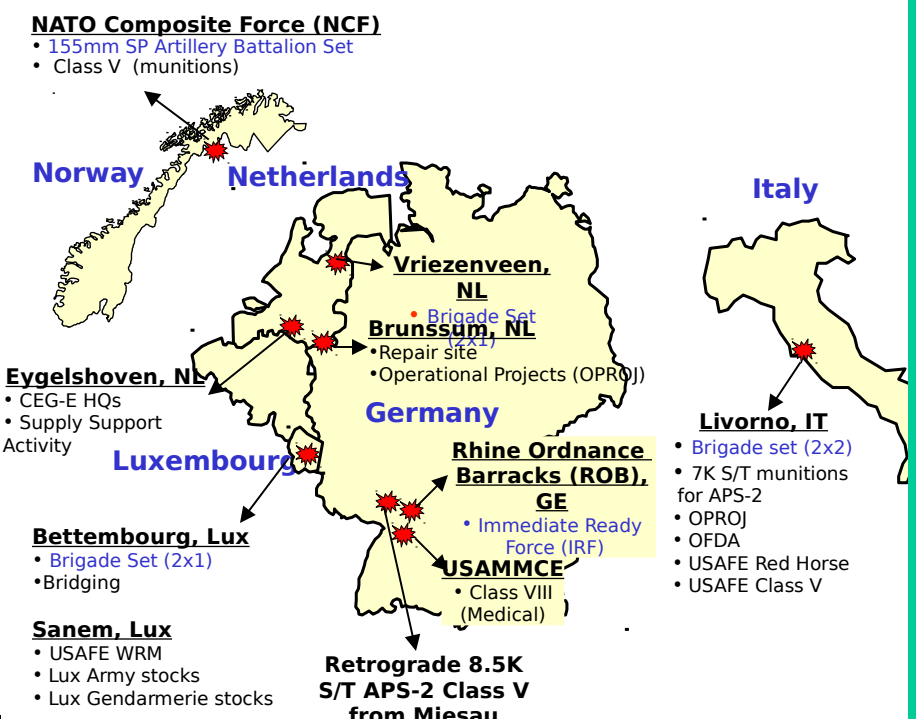
SCHOFIELD
BARRACKS
OPROJ

5 – Medical hospitals
8 – Medical detachments

2 – Cargo Transfer Co.
1 – Port Opening Cargo Co.
1 – Mvmt control air terminal team
1 – Floating craft co.
2 – Transportation Wtrcrft Co.
1 – Modular causeway Co.

APS –2 (Europe)

Before Reconfiguration



NATO Composite Force (NCF)
- 155mm SP Artillery Battalion Set
- Class V (munitions)

Vriezenveen, NL
- Brigade Set (2x1)

Brunssum, NL
- Repair site
- Operational Projects (OPROJ)

Eygelshoven, NL
- CEG-E HQs
- Supply Support Activity

Rhine Ordnance Barracks (ROB), GE
- Immediate Ready Force (IRF)

Bettembourg, Lux
- Brigade Set (2x1)
- Bridging

USAMMCE
- Class VIII (Medical)

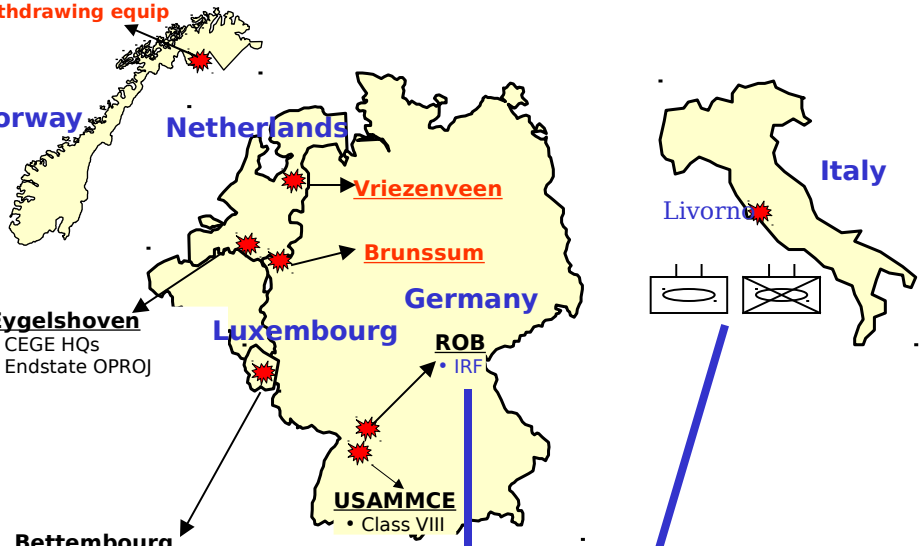
Sanem, Lux
- USAFE WRM
- Lux Army stocks
- Lux Gendarmerie stocks

Retrograde 8.5K S/T APS-2 Class V from Miesau (remains open)

Livorno, IT
- Brigade set (2x2)
- 7K S/T munitions for APS-2
- OPROJ
- OFDA
- USAFE Red Horse
- USAFE Class V

Israel: 18K S/T CL V

After Reconfiguration



NCF
Withdrew ammo
Withdrawing equip

Vriezenveen

Brunssum

Eygelshoven
- CEGE HQs
- Endstate OPROJ

ROB
- IRF

USAMMCE
- Class VIII

Bettembourg
- Interim Army Storage
- USAFE AEF and Red Horse
- Army out by FY07

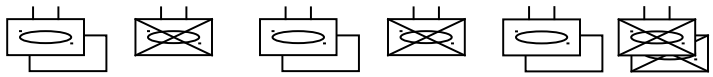
Sanem
- Close FY07?

Israel: 18K S/T CL V

IRF + (1x1) = APS-2

Color Code:
- **Blue—unit sets**
- **Red—sites to be closed**

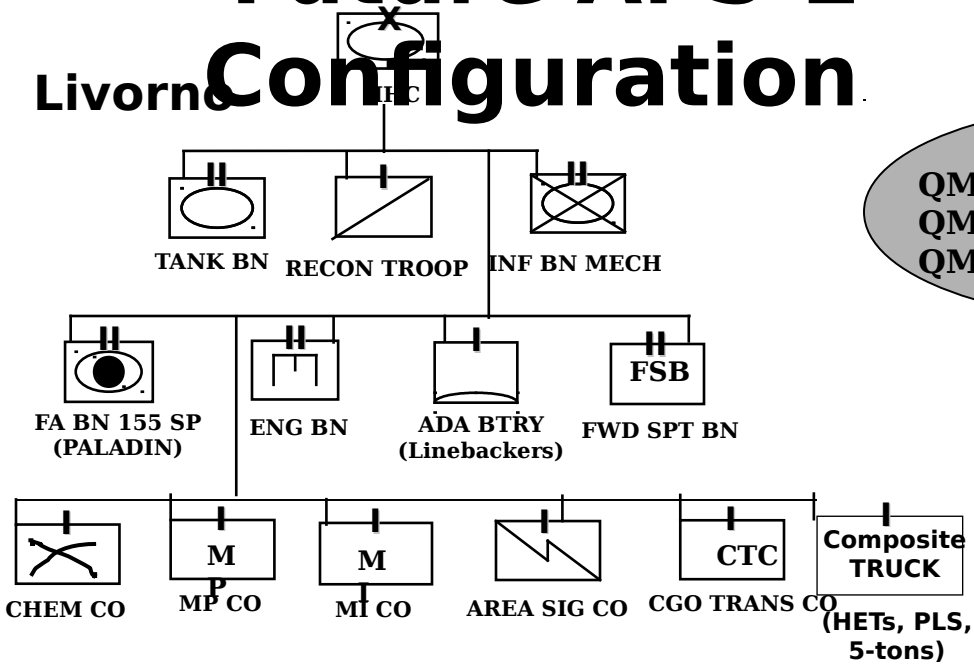
APS-2 Unit Sets



Vriezenveen, NL **Bettembourg, Luxembourg** **Livorno, Italy**

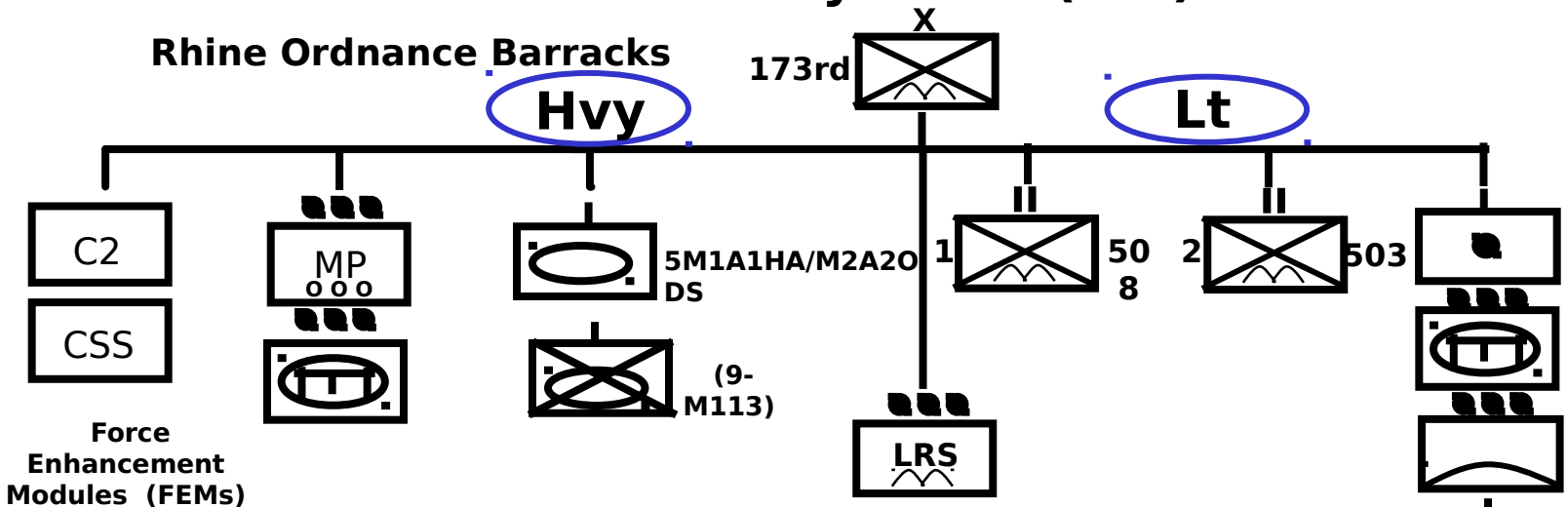
Future APS-2 Configuration

Livorno



Moving from APS-3
QM TM, AIRDROP SUPPLY DET
QM CO, LGT AIRDROP SUPPLY
QM CO, WATER SUPPLY CO

Immediate Ready Force (IRF)



Sail Timeline: Kaiserslautern to Korea ~ 22 days

On- Going Initiative

- **Sourcing COAs with HQDA, G8**

COA 1		
COA 2		
COA 3		
COA 4		

- **Modernizing APS equipment**
- **Prepositioning USAR equipment**
- **Evaluating Operational Projects (OPROJ)**

OPROJs

- Force Provider
- IPDS
- Mortuary Affairs
- Special Forces
- Bridging Materiel
- Aircraft Matting
- EPW

- **Researching placing a Bn Air-Assault TF a**

Modernizing APS Goal

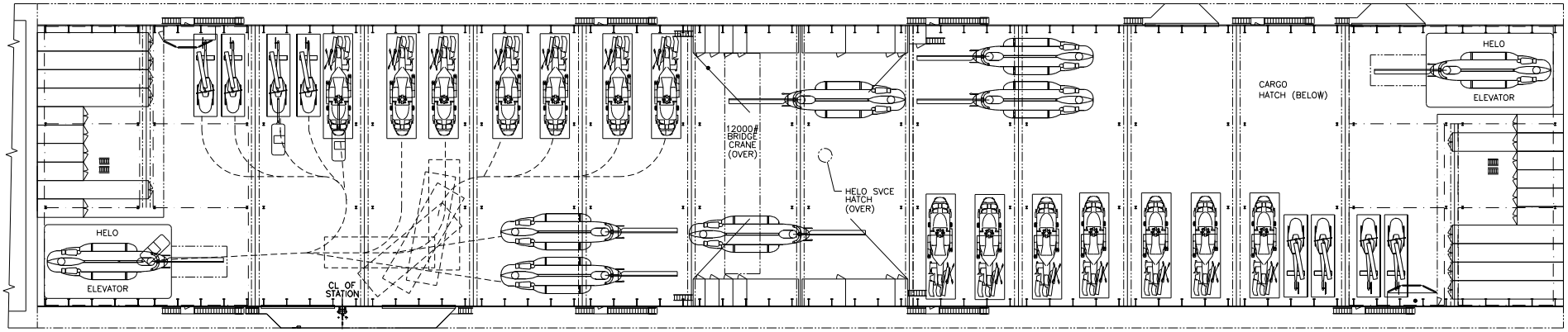
- AIM-D Tanks
- ODS Bradleys
- M6 Linebackers and Avengers in ADA
- M7 BFISTVs in FA units
- Radios
- FMTVs in all units
- LMTV/MTV trailers
- PLS cargo trucks
- M113A3 series
- Tactical Quiet Generators

Bn Air-Assault TF Aflo

- Converted commercial container ship
- Ship conversion takes 8-10 months
- 1,000’ flat helicopter launch platform
- Holds 30 helicopters / 1,000 soldiers
- 6 – story modularized office space (TOC)
- Dry cargo area
- Area for ammunition magazines
- 2 aircraft and 1 container elevator

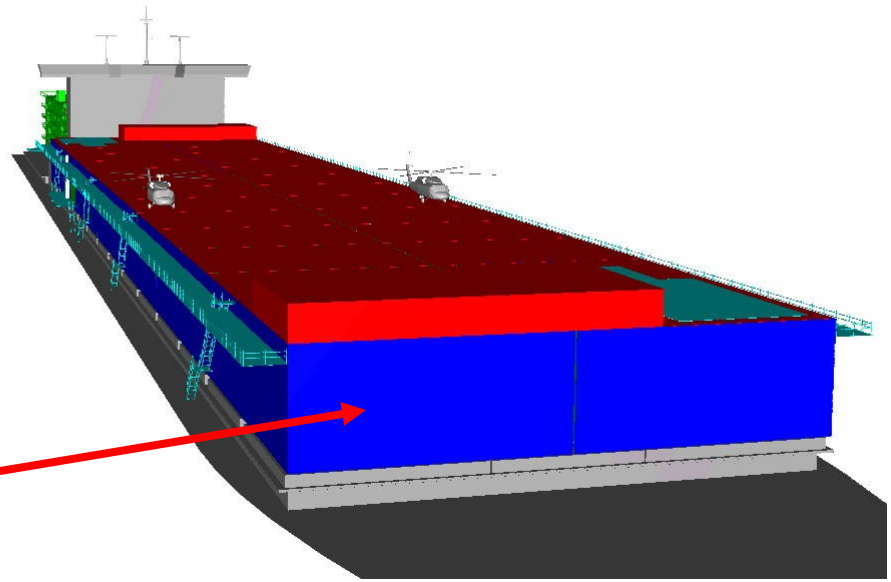
- Tremendous force-entry capabilit
- Recommend sails in EAL (Singap
- Subic Bay, Darwin)
- Recommend 12 UH-60 Black Haw
- 6 CH-47 Chinook, 6 AH-64 Apa
  Longbow, 6 OH-58D Kiowa Wa
- In spt have Avn maint and FARP c

Containership Hangar Deck



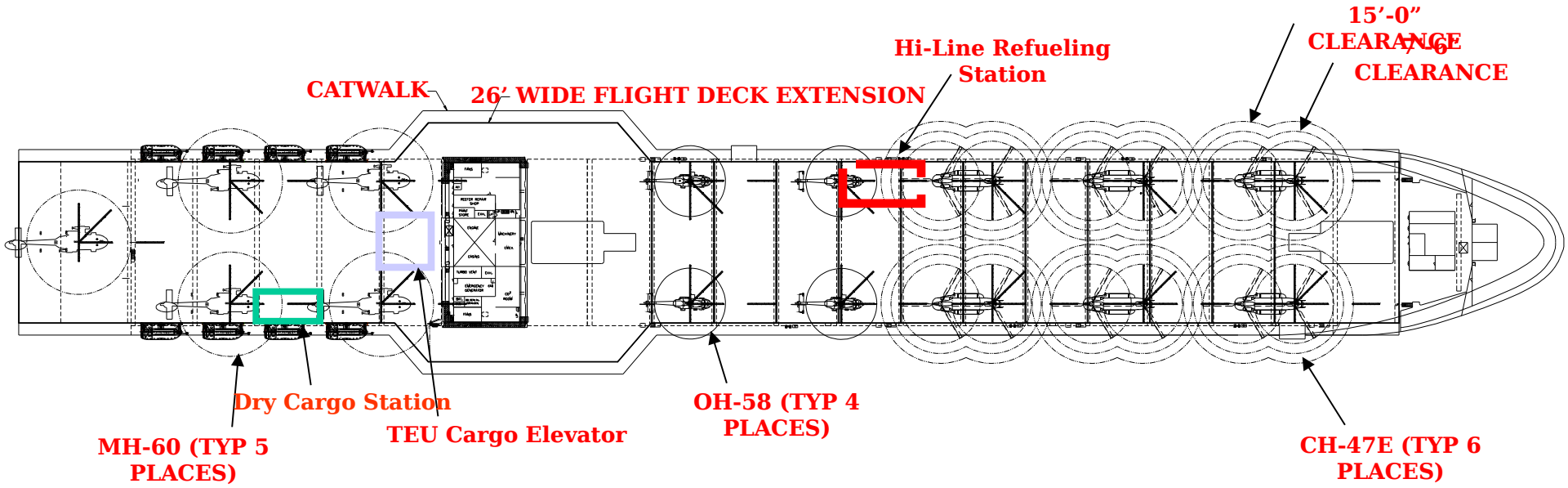
660 feet long
122 feet wide
24.5 feet high

Parking for all 28 helos



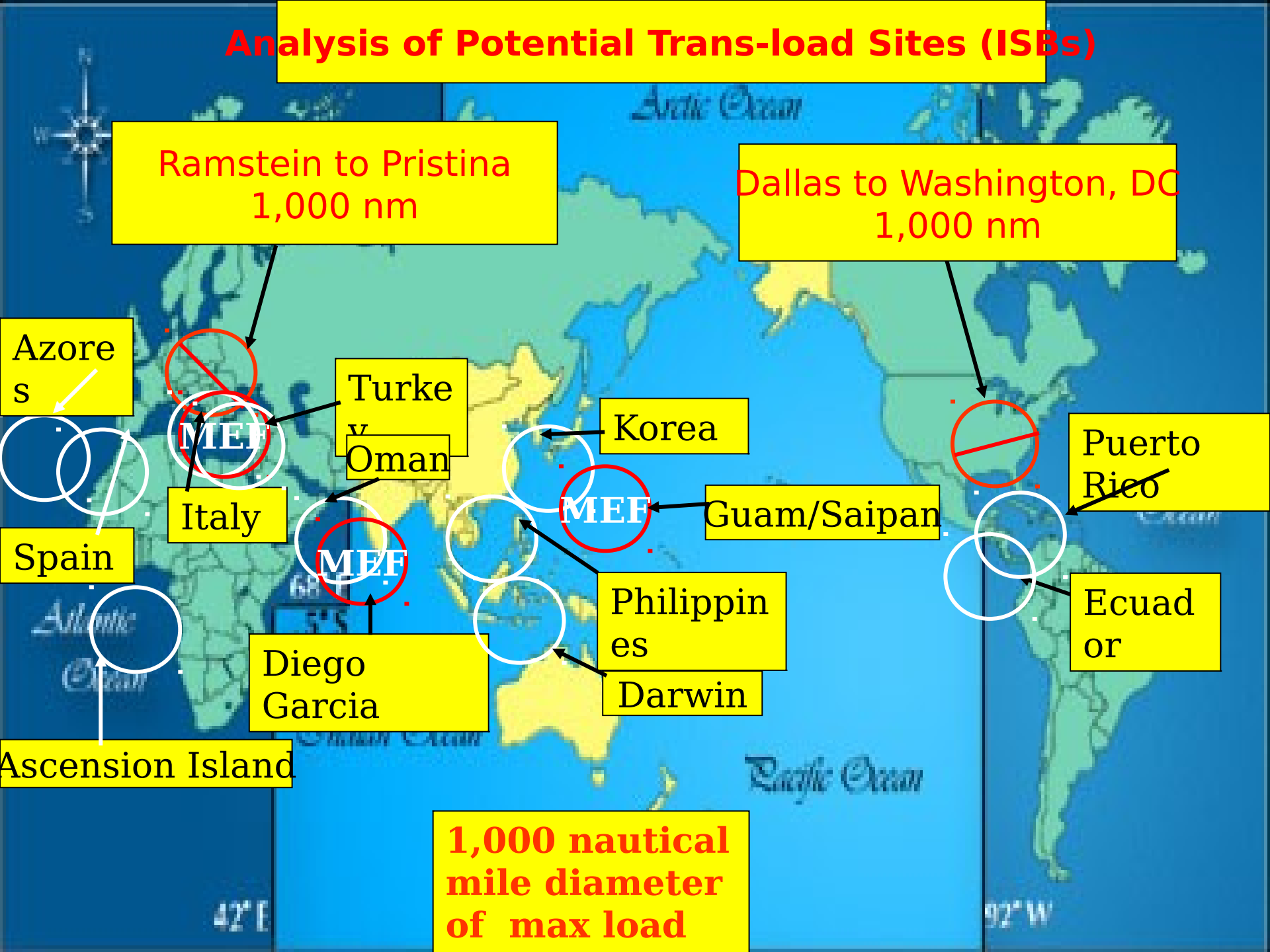
Hangar Area

Containership Flight Deck

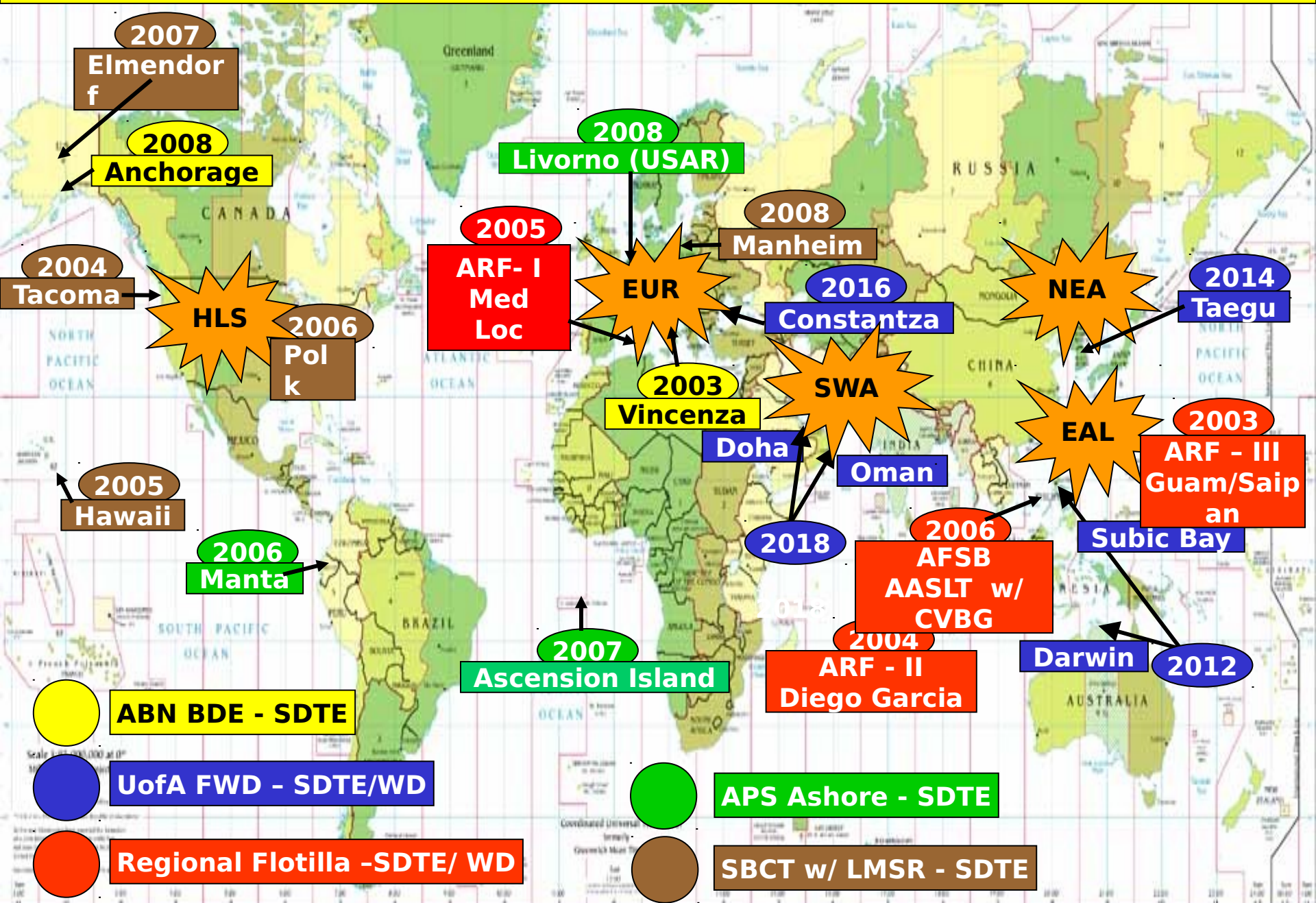


Spots for 5+ Helos
400 feet long
122 feet wide

Spots for 10+ Helos
660 feet long
122 feet wide


Analysis of Potential Trans-load Sites (ISBs)
Ramstein to Pristina
1,000 nm
Dallas to Washington, DC
1,000 nm
Azore
s
Turke
y
Oman
Korea
Puerto
Rico
MEF
MEF
MEF
Italy
Guam/Saipan
Spain
Philippin
es
Ecuad
or
Diego
Garcia
Darwin
Ascension Island
1,000 nautical
mile diameter
of max load

APS – EVOLUTION CONCEPT



FY03

APS-3 BDE1, APS-3 CSS Units, APS-5 QA, AND APS-5 KU Remain in Kuwait.
APS-3 BDE2 partially loads in Charleston Jun 03, remainder loaded in Europe Aug 03, stationed in Guam.

FY04

APS-2 1x1 loads in Europe Dec 03, dual alignment to EUCOM and NEA, station in Diego Garcia.
APS-3 BDE2 Remains in Guam.
APS-3 CSS (CS1) loads in SWA, MAR 04, moves to Guam.
APS-3 AMMO (1) ship loads from MOTSU, Aug 04, move to Guam (Actual load date TBD).
APS-3 Sustainment (1) ship loads Aug 04 Charleston then SWA, moves to Guam.
APS-3 HA/DR 1 (CSS) Load Aug 04 from SWA.
APS-3 BDE1, Most APS-3 CSS units, APS-5 Qatar and Kuwait undergoing repairs mainly in SWA.

FY05

APS-2 1x1 Remains in Diego, move to Italy Mar 05. Work equip, reconfig to 1 X 1 HVY TF and a BSB & CSSC
APS-3 BDE2 Remains in Guam.
APS-3 CSS (CS1) Remains in Guam.
APS-3 CSS (CS2) Loads Nov 04 in SWA, moves to Diego Garcia.
APS-3 AMMO (1) Remains in Guam.
APS-3 AMMO (2) Load Dec 04 in MOTSU
APS-3 Sustainment (1) Remains in Guam.
APS-3 Sustainment (2) Loads Dec 04 Charleston then SWA, moves to Diego Garcia.
APS-3 BDE1 Load 1x1 with Div Slice OR a SBCT round out units and BSB/CSSC, FEB 05. Move to Diego Garcia.
APS-5 Qatar and Kuwait undergoing repairs mainly in SWA.

FY 06

APS-3/5 Load a 1 X 1 HVY TF and SBCT BSB/CSSC (loose stow), OCT 05. Move to Mediterranean.
APS-3 BDE2 Download in Italy, transfer to APS2, upload the 1 X 1 HVY TFand BSB/CSSC (immediately), Nov 05.

Conclusion

- Preposition capabilities, not just assets
- APS strategy is evolving and refinement still r
- Time to execute APS future is now

APS is a set of forward positioned critical capabilities
oriented toward reducing response time for th
Transforming Army to execute SDTE and transition
to WD without an operational pause and capab
of
meeting demands of the full spectrum of

Stryker Brigade Afloat Footprint

- Watson Class LMSR total storage capacity – 356K Square Feet

- Available storage space at current 80% stow factor – 285K Square Feet

- Stryker Brigade footprint *Without Stryker Vehicles* – 188K Square Feet
  - Based on 100% fill of MTOE authorizations (minus Stryker variants)
  - Used modernized equipment to calculate – FMTV
  - Models and NSNs unknown, can impact total space required
  - Rolling stock only (tracks, trucks, trailers) – assume nested loads
  - Vehicles combat loaded (minus ammo)
  - Sustainment, ammo and ASL/PLL co
  - Movement to contact configur
  - Space

UNIT NAME	SRC
BRIGADE HHC	47102F300
ANTI ARMOR COMPANY	07093F300
BRIGADE SUPPORT BATTALION	63106F300
COMBAT SERVICE SUPPORT COMPANY	63390F000
ENGINEER COMPANY	05063F300
FIELD ARTILLERY BATTALION	06385F300
INFANTRY BATTALION (3)	07095F300
MI COMPANY	34143F300
RSTA	17095F300
SIGNAL COMPANY	11103F300

251K *With* Stryker

BOTTOM LINE
Percent fill will Be less than 100%